

20. Approve Change Order #10 to FC-1142-00/BJC – CR 427, Phase V & VI with Bergeron Land Development, Kissimmee (\$226,097.87).

FC-1142-00/BJC provides for all labor, materials, equipment, coordination and incidentals necessary for the construction of approximately 1.25 miles of four lane urban roadway along an existing two lane corridor from US 17/92 to Hester Avenue (CR 427 – Phase V) and construction of approximately 2 miles of four lane urban roadway expandable to a six lane roadway along an existing two lane corridor from Hester Avenue to Lake Mary Boulevard (CR 427 – Phase VI). Change Order #10 will provide for the final adjustment of roadway contract quantities to reflect quantities installed in the field. No additional contract time is required for the completion of this project. The following is the summary of the cost of this contract:

Original Contract Sum	\$8,145,604.69
Change Orders 1 thru 9	129,637.26
Add Change Order #10	<u>226,097.87</u>
Revised Contract Sum	\$8,501,339.82

Funds are available in account numbers 077515-56067000 (Engineering, Roads) and 077521-56067000 (Arterial Road Projects, Roads), CIP #DE56047Z. Public Works/Engineering Division and Fiscal Services/Purchasing and Contracts Division recommend that the Board approve and authorize the Chairman to execute the Change Order.

SEMINOLE COUNTY, FLORIDA
CHANGE ORDER FOR CONSTRUCTION PROJECTS



Engineering Division

PURCHASING DIVISION
(407) 321-1130

1101 E. First Street
Sanford, FL 32771

CONTRACT NO: FC-1142-00/BJC INITIATION DATE: 09/01/03
CHANGE ORDER NO: 10 ACCOUNT NO: _____
CONTRACT FOR: County Road 427, Phase V & VI

ORIGINAL
CONTRACT DATE: June 21, 2001
ARCH/ENG PROJECT: # _____

YOU ARE REQUESTED TO MAKE THE FOLLOWING CHANGE (S) IN THIS CONTRACT:
See Attachment A

REASON FOR CHANGE(S):
See Attachment B

ORIGINAL CONTRACT SUM:	\$	<u>8,145,604.69</u>
CONTRACT SUM PRIOR TO THIS CHANGE ORDER	\$	<u>8,275,241.95</u>
CHANGE ORDER (increase) (decrease) (unchanged)	\$	<u>226,097.87</u>
NEW CONTRACT SUM INCLUDING THIS CHANGE ORDER WILL BE	\$	<u>8,501,339.82</u>
CONTRACT TIME WILL BE (increased) (decreased) (unchanged)		<u>0</u>
BY (0) CALENDAR DAYS		
FINAL COMPLETION DATE THROUGH THIS CHANGE ORDER		<u>July 31, 2003</u>

WAIVER This Change Order constitutes full and mutual accord and satisfaction for the adjustment of Contract Price and Time as a result of increases or decreases in costs and time of performance caused directly and indirectly from the change. Acceptance of this Waiver constitutes an agreement between COUNTY and CONTRACTOR that the Change Order represents an equitable adjustment to the Agreement and that CONTRACTOR shall waive all rights to file a Contract Claim or claim of any nature on this Change Order. Execution of this Change Order shall constitute CONTRACTOR's complete acceptance and satisfaction that it is entitled to no more costs or time (direct, indirect, impact, etc.) Pursuant to this Change Order.

ACKNOWLEDGEMENTS The aforementioned change, and work affected thereby, is subject to all provisions of the original Agreement not specifically changed by this Change Order, and it is expressly understood and agreed that the approval of the Change Order shall have no effect on the original agreement other than matters expressly provided herein.

NOT VALID UNTIL SIGNED BY OWNER, ARCHITECT/ENGINEER AND CONTRACTOR

Public Works/Engineering
DEPT/DIV. Engineering
By: STEPHEN C. KRLG
Date: 8-29-03
By: [Signature]

URS Corporation
ARCHITECT/ENGINEER
Address: 1520 Tropic Park Way,
Sanford, FL 32773
By: [Signature]
Date: Aug. 27, 2003

Bergeron Land Development.
CONTRACTOR (Seal)
2710 Michigan Ave
Kissimmee, FL, 34744
address [Signature]
By: [Signature]
Date: 8-28-03

Approved as to form & legal sufficiency:

[Signature]
County Attorney

9/6/03
Date

SEMINOLE COUNTY BOARD
OF COUNTY COMMISSIONERS

ATTEST:

Daryl McLain Chairman

MARYANNE MORSE, Clerk to the Board of County
Commissioners in and for Seminole County, Florida

BCC APPROVAL DATE: _____

DATE: _____

SEMINOLE COUNTY CHANGE ORDER # 10
CR 427 PHASE V & VI
CONTRACT FOR BERGERON LAND DEVELOPMENT
CONTRACT NO.: FC-1142-00/BJC

REASON FOR CHANGE (S):

ROADWAY

- A. Mowing (104-4): Additional mowing was required to maintain the project limits and restrict weed and grass height. The Contractor will be compensated at contract price for this work.
- B. Baled Hay or Straw (104-10): To avoid the introduction of noxious weeds and protect the Environment, alternate erosion control devices were installed as required. A credit is due to Seminole County.
- C. Floating Turbidity: (104-11): The total quantity of Floating Turbidity Barrier depicted in the plans was not required. Actual field measurement results in a quantity reduction and a credit due to Seminole County.
- D. Staked Turbidity Barrier (104-12): The total quantity of Staked Turbidity Barrier depicted in the plans was not required. Actual field measurement results in a quantity reduction and a credit due to Seminole County.
- E. Staked Silt Fence (104-13): The total quantity of Staked Silt Fence depicted in the plans was not required. Actual field measurement results in a quantity reduction and a credit due Seminole County.
- F. Field Office (999-03): Additional compensation for field office costs was granted for additional days added to the contract due to additional work. The Contractor will be compensated at contract price for the added days.
- G. Removal of Existing Pavement (110-4): Additional existing pavement was removed within the project limits. The Contractor will be compensated at contract price for the additional quantity.
- H. Mailbox (F&I)(110-7-1): Two new mailboxes, 5221 and 5223 CR-427, were installed. All other existing mailboxes were relocated. Actual quantity installed paid. A credit is due Seminole County.
- I. Type "B" Stabilization (12") (160-4): Actual field measurement results in a quantity increase. The Contractor will be compensated at contract price for the additional quantity.
- J. Optional Base Limerock (10") (285-709): Additional limerock was required to tie-into existing side streets. After cores were taken and measurements averaged, per the Contract Specifications the Contractor was entitled to a thickness adjustment of 0.45". Actual field measurement and thickness adjustment calculations result in a quantity increase. The Contractor will be compensated at contract price for the additional quantity.
- K. Optional Base ABC-3 (6") (285-709-327): The total quantity of ABC base in the contract to reconstruct County Home Road was not required. Actual field measurement paid and Seminole County is due a credit.
- L. Optional Base (Group 9) (285-709-990): Property acquisition agreements added a right turn lane at Station 121+00 +/-, a turn lane entrance to Flea World and partial reconstruction of County Home Road. After cores were taken and measurements averaged, per the Contract Specifications the Contractor was entitled to a thickness adjustment of 0.41". Actual field measurement and thickness

adjustment calculations resulted in a quantity increase of limerock base. Actual field measured quantity will be paid. The Contractor will be compensated at contract price for the additional quantity.

- M. Bituminous Material (Tack Coat) (300-1-3): The quantity of Bituminous Material in the contract was not required. Actual field measurement paid. A credit is due Seminole County.
- N. Asphaltic Concrete Type S (3" Thick)(331-72-30): Revisions to the contract requiring additional asphalt placement at County Home Road and the entrance at Flea World resulted in a quantity over-run of Structural Asphalt. Actual field measurements result in a quantity increase. The Contractor will be compensated at contract price for the additional quantity.
- O. Asphaltic Concrete Friction Course (1")(337-5-3): The recently completed CR-427 Phase IV project was revised to eliminate Friction Course placement from US-17/92 to the beginning construction limits of CR-427 Phase V project. The Friction Course was added to Phase V. Friction Course was extended to the ramps of SR-417 to provide a smoother roadway surface onto CR-427. Actual field measurement results in a quantity increase. The Contractor will be compensated at contract price for the additional quantity.
- P. Plain Concrete 6" (350-1-1): Additional concrete was required to reconstruct the Seventh Day Adventist Church entrance. Actual field measurements result in a quantity increase. The Contractor will be compensated at contract price for the additional quantity.
- Q. Concrete Class I (Miscellaneous) (400-1-15): The contingency amount of concrete included in the plans was not required. A credit is due Seminole County.
- R. Inlets (Curb Type P-1) (<10)(425-1-311): To avoid the ponding of water during rains, Structure D-7 was revised to a J-2 Curb Inlet <10. Structure S-320 at Station 241+90 was not needed and deleted from the contract. A credit is due Seminole County for these structures.
- S. Inlets (Curb Type P-4) (<10)(425-1-341): Structure S-227 could not be installed due to right-of-way issues. A credit is due Seminole County.
- T. Inlets (Curb Type J-2)(<10) (425-1-421): RFI # 36, resulted in the need to revise Structure D-7 from a P-1 Inlet to a J-2 Inlet. The Contractor will be compensated at contract price for the additional J-2 Inlet.
- U. Inlet (DT. Bot Type D) (<10) (425-1-541): A revision to the contract, relocating a driveway along County Home Road, eliminated Structure D-44 from the contract. A credit is due Seminole County for this structure.
- V. Manhole (P-7T) (<10)(425-2-41): A revision to Pond 1, Phase V added Structure MH-3A to the contract. A revision to Pond 4, Phase V added Structure MH-8A to the contract. The Contractor will be compensated at contract price for these two (2) additional structures.
- W. Concrete Pipe Culvert (Class III)(18"SS)(430-11-325): The total quantity of 18-inch SS in the contract was not required. Actual field measured results in a quantity reduction and a credit due Seminole County.
- X. Concrete Pipe Culvert (Class III) 24" SS) (430-11-329): A revision to the storm drainage installation between Structure MH-8 and S-110 increased the amount of 24-inch SS Concrete Pipe required to complete the project. Actual field measurement results in a quantity increase. The Contractor will be compensated at contract price for the additional quantity of pipe installed.
- Y. Concrete Pipe Culvert (Class III)(30"SS)(430-11-333): A revision to the plans of Pond 1, Phase V increased the amount of 30" SS Concrete Pipe required to complete the storm drainage system and

make it fully operational. Actual field measurement results in a quantity increase. The Contractor will be compensated at contract price for the additional amount of pipe required.

- Z. Concrete Pipe Culvert (Class III)(36" SS)(430-11-338): The total quantity of 36" SS Concrete pipe in the plans was not required reflecting a reduction in this item. Actual field measurement results in a credit due Seminole County.
- AA. Concrete Pipe Culvert (Class III)(42") (430-11-340): The total quantity of 42" SS Concrete pipe in the plans was not required reflecting a reduction of this item. Actual field measurement results in a credit due Seminole County.
- BB. Conc Pipe Culvert Cross Drain Class III (18")(430-12-325): The total quantity of 18" Cross Drain Concrete pipe in the plans was not required reflecting a reduction of this item. Actual field measurement results in a credit due Seminole County.
- CC. Conc. Pipe Culvert Cross Drain Class III (24")(430-12-329): The total quantity of 24" Cross Drain Concrete pipe in the plans was not required reflecting a reduction of this item. Actual field measurement results in a credit due Seminole County.
- DD. Conc. Pipe Culvert (Class III)(42")(430-12-340): The total quantity of 42" Cross Drain Concrete pipe in the plans was not required reflecting a reduction of this item. Actual field measurement results in a credit due Seminole County.
- EE. Ellip. Conc. Pipe Culv (Class HE III) 19"x30" (430-141-103): The total quantity of 19" x 30" Ellip. Pipe in the plans was not required reflecting a reduction of this item. Actual field measurement results in a credit due Seminole County.
- FF. Ellip Conc. Pipe Cul, SS, Cross Drain Class HE III (24"x38")(430-141-104): The total quantity of 24" x 38" Ellip. Pipe in the plans was not required reflecting a reduction of this item. Actual field measurement results in a credit due Seminole County.
- GG. Ellip. Conc. Pipe Culv, Cross Drain (Class HE III) 29" x 45" (430-141-105): The total quantity of 29" x 45" Ellip. Pipe in the plans was not required reflecting a reduction of this item. Actual field measurement results in a credit due Seminole County.
- HH. Ellip. Conc. Pipe Culv, Cross Drain (Class HE III)(24" x 38") (430-142-104): The total quantity of 24" x 38" Ellip. Pipe in the plans was not required reflecting a reduction of this item. Actual field measurement results in a credit due Seminole County.
- II. Ellip. Conc. Pipe Culv, Cross Drain (Class HE III) 29" x 45" (430-142-105): The total quantity of 29" x 45" Ellip. Pipe in the plans was not required reflecting a reduction of this item. Actual field measurement results in a credit due Seminole County.
- JJ. Ellip. Conc Pipe Culv, Cross Drain (Class HE III) 34" x 53" (430-142-108): Additional 34" x 53" Pipe was required to complete the storm drainage system from Structure OS-5 to MH-8. Actual field measurement paid. The Contractor will be compensated at contract price for this additional work.
- KK. Ellip Conc. Pipe Culv, Cross Drain (Class HE III) (38" x 60")(430-142-109): The total quantity of 38" x 60" Ellip pipe in the contract was not required reflecting a reduction of this item. Actual field measurement results in a credit due Seminole County.
- LL. 4" PVC Schedule 40 (430-961-213): 4" PVC was installed across all paved crossroads for "future" utility use, resulting in a quantity increase. Actual field measurement paid. The contractor will be compensated at contract price for this work.

- MM. 10" PVC Schedule 40 (430-961-220): 10" PVC was installed across all paved crossroads for "future" utility use, resulting in a quantity increase. Actual field measurement paid. The contractor will be compensated at contract price for this work.
- NN. Mitered End Sect (Conc Pipe Round 18" Cross Drain) (430-982-225): Phase VI bid items listed six (6) Mitered End Section, Conc Pipe Round 18" Cross Drain. None appeared on the plans or matrix. The six Mitered End Sections in Phase VI were not required. A credit is due Seminole County.
- OO. Type II Underdrain (440-1-20): Additional underdrain was installed in areas with a high water table level to provide added stability to newly constructed road base. Actual field measurement paid. The Contractor will be compensated at contract price for this work.
- PP. Type III Underdrain (440-1-30): Additional underdrain was installed in areas with a high water table level to provide added stability to newly constructed road base. Actual field measurement paid. The Contractor will be compensated at contract price for this work.
- QQ. Underdrain (Type VA)(Upper Limit) (440-77-2): The quantity of Type VA Underdrain in the contract was not required. Actual field measurement paid. A credit is due Seminole County.
- RR. Pipe Handrail Aluminum (515-1-2): Additional Aluminum Handrail was required to complete the project. Actual field measurement paid. The Contractor will be compensated at contract price for the additional quantity required.
- SS. Concrete Curb and Gutter (Type E)(520-1-7): Revisions to the contract, adding center turn lanes, resulted in a reduction of Type E Curb and Gutter. Actual field measurement paid. Seminole County is due a credit.
- TT. Concrete Curb and Gutter (Type "F")(520-1-10): A revision to the entrance at Carriage Cove, deleting the 6-foot Traffic Separator and replacing with "F" Curb and Gutter, to allow for a planting area, resulting in an increase of Type "F" Curb and Gutter. Actual field measurement paid. The contractor will be paid at contract price for the additional quantity.
- UU. Type "A" Curb and Gutter (520-2-1): Additional Type "A" Curb and Gutter was required to complete the project. Actual field measured paid. The contractor will be compensated at contract price for the additional quantity.
- VV. Valley Gutter (520-3): Noted in plans, not included in bid quantity total was 103 LF of Valley Gutter to be placed at Bryant Ave. The Contractor will be compensated at contract price for this additional quantity.
- WW. Concrete Traffic Separator (Type I) 4' Wide (520-5-11): Revisions at Pen Ave, adding a turn lane deleted a portion of 4-foot Traffic Separator. Actual field measurement paid. Seminole County is due a credit.
- XX. Concrete Traffic Separator (Type I) 6' Wide (520-5-12): A revision at Carriage Coves entrance deleted the 6-foot Traffic Separator from the contract. A credit is due Seminole County.
- YY. Concrete Sidewalk (4"Thick) (522-1): Additional sidewalk was required to complete the 4-inch pedestrian sidewalk. Actual field measurement paid. The Contractor will be compensated at contract price for the additional quantity.
- ZZ. Concrete Sidewalk (6" Thick) (522-2): Actual field conditions required installation of additional driveways to provide residents access to their property. The Contractor will be compensated at contract price for this additional quantity.

- AAA. Riprap Rubble (9" Thick)(530-3-4): A Revision to the Contract substituted the use of Sand Cement Bags at the Box Culvert eliminating the need for this pay item. A credit is due Seminole County.
- BBB. Fabric Formed Concrete RipRap (8" Filter Points)(547-70-1): A revision to the Contract substituted the use of Sand Cement Bags at the Box Culvert reducing the quantity of Concrete RipRap required to complete the project. Actual field measurement paid. A credit is due Seminole County.
- CCC. Seed and Mulch (570-2): To prevent erosion and maintain the newly constructed Ponds, the use of Bahia Sod was required on the pond slopes eliminating the need for this pay item. A credit is due Seminole County.
- DDD. Grass Seed (Permanent Type) (570-3): To prevent erosion and maintain the newly constructed Ponds, the use of Bahia Sod was required on the pond slopes eliminating the need for this pay item. A credit is due Seminole County.
- EEE. Mulch Material (570-4): To prevent erosion and maintain the newly constructed Ponds, the use of Bahia Sod was required on the pond slopes eliminating the need for this pay item. A credit is due Seminole County.
- FFF. Fertilizer(570-5): The quantity of fertilizer in the contract was not required. Actual field measured paid. A credit is due Seminole County.
- GGG. Water for Grassing (570-9): Additional watering of the newly placed sod was required to maintain live condition during periods of little or no rain. Contractor will be compensated at contract price for this additional quantity.
- HHH. Sodding (575-1-3): Due to the deletion of the seed and mulch pay item from the contract additional sod was required. Actual field measurement paid. The Contractor will be compensated at contract price for this additional quantity.
- III. 6' Vinyl Coated Green Fence(550-2): The quantity of Green Fence in the contract was not required. Actual field measurement results in a quantity reduction. A credit is due Seminole County.
- JJJ. Brick Etching of Traffic Separator (SEMCO-26): Additional Brick Etching was required to provide a uniform appearance to the traffic separators throughout the project limits. Actual field measurement paid. The Contractor will be compensated at contract price for this additional work.
- KKK. Reconstruct Thomas Stable Road (SEMCO-28): The steep grade transition at Thomas Stable Road required a design revision for the property owners to have the proper access to their property. A thorough review of this area and the limited amount of right-a-way resulted in a change to the construction of the grades. The negotiated price of \$8,894.42 was agreed to complete this work.
- LLL. Driveway Adjustment, Station 165+90(SEMCO -29): The driveway at 5221 N. CR-427 required adjustments to allow proper access for the property owner. A negotiated price of \$1,923.40 was agreed to complete this work.
- MMM. Asphalt Price Index Adjustment (SEMCO -30): Seminole County Technical Specifications, Volume II, Section 331, Subsection 331-6.4 allows a liquid adjustment for asphalt placed. The Contractor submitted information and calculations for a total amount of \$2,038.26. A review of

the information provided compared with the Contractor's data. A total of \$2,038.26 for Asphalt Price Index Adjustment was agreed to.

SIGNING / PAVING

- I. Single Sign Post <12 SR (700-40-1): Revised Signing Plans resulted in an increase of this item. Contractor will be compensated at contract price to complete this work.
- II. Single Sign Post 12 - 25 SF (700-40-2): Revised Signing Plans resulted in an increase of this item. Contractor will be compensated at contract price to complete this work.
- III. R.P.M.'s Mono-Directional Colorless (706-1-12): Due to plan revisions, added turn lanes, additional Bi-Directional RPM's and less Mono-Directional RPM's were required to complete the work. Actual field measured paid. Seminole County is due a credit.
- IV. R.P.M.'s Mono-Directional Amber (706-1-12): This item was not required. Bi-Directional RPM's were required at all intersections. Seminole County is due a credit.
- V. R.P.M.'s Bi-Directional Amber/Amber (706-1-12): A contract revision required additional RPM's be installed at the west end of the project and County Home Road resulting in a quantity increase. Actual field measured paid. The Contractor will be compensated at contract price for this work.
- VI. R.P.M.'s Bi-Directional Red and Colorless (706-1-12): Contract Revisions adding turn lanes resulted in a quantity increase of this item. Actual field measured paid. The Contractor will be compensated at contract price for this work.
- VII. Solid Traffic Stripe, Thermo 6" White (710-4-61): This item was paid as item 711-8-61. This pay item was not required. A credit is due Seminole County.
- VIII. Skip Traffic Stripe, Thermo 6" White Yellow (711-1): Striping requirements resulted in a quantity increase. Actual field measurement paid. The Contractor will be compensated at contract price for this work.
- IX. Skip Traffic Stripe, Thermo 6' of 6" White-Thermoplastic (711-2): This pay item was not required. Seminole County is due a credit.
- X. Directional Arrows, Thermoplastic (711-4): The quantity of Directional Arrows in the contract was not required. Actual field measured paid. A quantity reduction results in a credit due Seminole County.
- XI. Guide Lines Thermoplastic (Dotted) (711-5): Additional guide lines were required at SR-417, resulting in a quantity increase. The Contractor will be compensated at contract price for this work.
- XII. Solid Traffic Stripe, 6" Double Yellow Thermoplastic (711-6-61): Striping requirements resulted in a quantity increase. Actual field measurement paid. The Contractor will be compensated at contract price for this work.
- XIII. Solid Traffic Stripe, 8" White Thermoplastic (711-6-81): Plan revisions, the addition of several turn lanes, resulted in a quantity increase. Actual field measurement paid. The Contractor will be compensated at contract price for this work.
- XIV. Solid Traffic Stripe, 12" White Thermoplastic (711-6-121): Plan quantity not required. Actual field measurement paid, resulting in a quantity reduction and a credit due Seminole County.

- XV. Solid Traffic Stripe, 18" Yellow and White Thermoplastic (711-6-181): A Striping Plan Revision at the west-end of the project resulted in a quantity reduction. Actual field measurement paid. Seminole County is due a credit.
- XVI. Solid Traffic Stripe, 24" White, Thermoplastic (711-6-241): Striping requirements resulted in a quantity increase. Actual field measurement paid. The Contractor will be compensated at contract price for this work.
- XVII. Solid Traffic Stripe, 6" White Thermoplastic (711-8-61): A Plan Revision at the west end of the project required resulted in a quantity increase. The Contractor will be compensated at contract price for this work.
- XVIII. Solid Traffic Stripe, 6" Yellow Thermoplastic (711-8-61): Actual field measurement paid, resulting in a quantity increase. The Contractor will be compensated at contract price for this work.

SIGNALIZATION

- a) Grounding Electrode (620-1-1): The quantity of Grounding Electrode depicted in the plans was not required. Actual field measurement paid, resulting in a quantity reduction. A credit is due Seminole County.
- b) Conduit (Underground)(630-1-12): The quantity of Conduit (Underground) depicted in the plans was not required. Actual field measurement paid, resulting in a quantity reduction. A credit is due Seminole County.
- c) Conduit(UnderPavement) (630-1-13): Additional quantity of Conduit (Underpavement) was required to complete the connection of the power supply to the Controller Cabinet at SR-417. Actual field measurement paid. The Contractor will be compensated at contract price for this work.
- d) Fiberglass Insulator (634-5-1): This item was not required. A credit is due Seminole County.
- e) Pull and Junction Boxes (635-1-11): The quantity of pull and junction boxes depicted in the plans were not required. Actual field measured paid, resulting in a quantity reduction. Seminole County is due a credit.
- f) Electrical Service Wire (639-2-1): No shown in the plans, addressed in RFI #31, was the power supply from the power service pole at Station 274+00 to the controller at Station 276+55. Actual field measurement paid. The Contractor will be compensated at contract price for this work.
- g) System Communications (Fiber Optics) (684-14): The quantity of Fiber Optics was not required. Actual field measurement paid. A credit is due Seminole County.

FDOT LIGHTING ITEMS

- i. Grounding Electrode (620-1-1): The existing Pull Box at Station 326+40, southbound ramp at SR-417, did not require to be re-grounded. This resulted in a quantity reduction. A credit is due Seminole County.
- ii. Conductor (*10), Insulated (715-1-111): Existing Pull Boxes had to be relocated, resulting in a quantity increase. Actual field measured paid. The Contractor will be compensated at contract price for this work.
- iii. Conductor Insulated (*6) (715-1-113): Actual field measurement results in a quantity increase. The Contractor will be compensated at contract price for this work.
- iv. Conductor (*4) Insulated (715-1-114): Actual field measurement results in a quantity increase. The Contractor will be compensated at contract price for this work.

- v. Conduit, Underground (PVC Schedule 40-2") (715-2-115): Actual field measurement results in a quantity increase. The Contractor will be compensated at contract price for this work.
- vi. Conduit (Jacked Underpavement 2" RGS) (715-2-435): Actual field measurement results in a quantity reduction. Seminole County is due a credit.

**SEMINOLE COUNTY ROAD 427, PHASE V and VI
FINAL CHANGE ORDER
ATTACHMENT**

BERGERON LAND DEVELOPMENT
SEMINOLE COUNTY PROJECT FC-1142-00/BJC

ROADWAY

BID ITEM	DESCRIPTION	UNIT	PLAN QTY	REVISED QTY	FINAL QTY	QTY INC/DCR	UNIT PRICE	AMOUNT
	ROADWAY							
104-4	MOWING	AC	4.17	4.17	57.272	53.102	329.00	\$17,470.56
104-10	BALED HAY OR STRAW	TN	49.8	49.8	0.35	-49.45	165.00	-\$8,159.25
104-11	TURBIDITY BARRIER (FLOATING)	LF	72	72	20	-52	11.25	-\$585.00
104-12	TURBIDITY BARRIER (STAKED)	LF	214	214	50	-164	9.00	-\$1,476.00
104-13	STAKED SILT FENCE	LF	42156	42156	9914	-32242	0.66	-\$21,279.72
999-03	FIELD OFFICE	EA	551	551	767	216	63.52	\$13,720.51
110-4	REMOVAL OF EXISTING PAVEMENT	SY	1362	1362	1439.33	77.33	2.80	\$216.52
110-7-1	MAILBOX (FURNISH & INSTALL)	EA	31	31	2	-29	45.00	-\$1,305.00
160-4	TYPE "B" STABILIZATION (12")	SY	163437	163437	164517.09	1080.09	1.82	\$1,965.76
285-709	OPTIONAL BASE (GROUP 9)	SY	77151	77151	81558.96	4407.96	7.09	\$31,252.44
285-709-327	OPTIONAL BASE ABC-3 (6")	SY	1215	1215	1172.23	-42.77	16.27	-\$695.87
285-709-990	OPTIONAL BASE LIMEROCK (10")	SY	47138	47138	50078.4	2940.4	7.10	\$20,876.84
300-1-3	BITUMINOUS MATERIAL (TACK COAT)	GA	9943	9943	7896.13	-2046.87	1.10	-\$2,251.56
331-72-30	ASPHALTIC CONCRETE TYPE "S" (3" THICK)	SY	124289	124289	127939.61	3650.61	7.01	\$25,590.78
337-5-3	ASPHALTIC CONCRETE FRICTION COURSE (1")	SY	124289	124289	129199.15	4910.15	3.40	\$16,694.51
350-1-1	PLAIN CEMENT CONCRETE (6")	SY	1277	1277	1284.56	7.56	23.00	\$173.88
400-1-15	CONCRETE CLASS I (MISCELLANEOUS)	CY	37.8	37.8	0	-37.8	170.00	-\$6,426.00
425-1-311	INLETS (CURB TYPE P-1)(<10)	EA	82	82	80	-2	2,346.00	-\$4,692.00
425-1-341	INLET (CURB TYPE P-4)(<10)	EA	7	7	6	-1	2,428.00	-\$2,428.00
425-1-421	INLET (CURB TYPE J-2)(<10)	EA	4	4	5	1	3,495.00	\$3,495.00
425-1-541	INLET (DT. BOT TYPE D)(<10)	EA	5	5	4	-1	2,734.00	-\$2,734.00
425-2-41	MANHOLE (P-7T)(<10)	EA	25	25	27	2	1,647.00	\$3,294.00
430-11-325	CONCRETE PIPE CULVERT (CLASS III)(18"SS)	LF	7759	7759	7536	-223	25.10	-\$5,597.30
430-11-329	CONCRETE PIPE CULVERT (CLASS III)(24" SS)	LF	7517	7517	7593.5	76.5	32.52	\$2,487.78
430-11-333	CONCRETE PIPE CULVERT (CLASS III)(30" SS)	LF	4533	4533	4749	216	44.90	\$9,698.40
430-11-338	CONCRETE PIPE CULVERT (CLASS III)(36"SS)	LF	985	985	894	-91	60.50	-\$5,505.50
430-11-340	CONCRETE PIPE CULVERT (CLASS III)(42")	LF	205	205	201	-4	68.50	-\$274.00
430-12-325	CONC PIPE CULV, CROSS DRAIN CLASS III (18")	LF	1417	1417	1412	-5	30.65	-\$153.25
430-12-329	CONC PIPE CULV, CROSS DRAIN CLASS III (24")	LF	393	393	294	-99	39.85	-\$3,945.15
430-12-340	CONC PIPE CULV, CROSS DRAIN CLASS III (42")	LF	57	57	56	-1	92.00	-\$92.00
430-141-103	ELLIP. CONC. PIPE CULV (CLASS HE III) 19X30"	LF	197	197	192	-5	35.10	-\$175.50
430-141-104	ELLIP CONC PIPE CUL, SS, CLASS HE III(24X38")	LF	653	653	645	-8	51.02	-\$408.16
430-141-105	ELLIP. CONC. PIPE CULV (CLASS HE III) 29X45"	LF	260	260	257	-3	70.25	-\$210.75
430-142-104	ELLIP CONC PIPE CULV, CROSS DRAIN, CLASS HE III (24X38")	LF	66	66	63	-3	58.65	-\$175.95
430-142-105	ELLIP CONC PIPE CULV, CROSS DRAIN, CLASS HE III (29X45")	LF	150	150	139	-11	80.55	-\$886.05

BID ITEM	DESCRIPTION	UNIT	PLAN QTY	REVISED QTY	FINAL QTY	QTY INC/DCR	UNIT PRICE	AMOUNT
430-142-108	ELLIP CONC PIPE CULV, CROSS DRAIN, CLASS HE III (34X53")	LF	119	119	395	276	96.20	\$26,551.20
430-142-109	ELLIP CONC PIPE CULV, CROSS DRAIN, CLASS HE III (38X60")	LF	207	207	187	-20	117.60	-\$2,352.00
430-961-213	PVC PIPE, 4" (SCH40)(F&I)	LF	2084.6	2084.6	2566.8	482.2	7.30	\$3,520.06
430-961-220	PVC PIPE, 10" (SCH 40) (F&I)	LF	2120.6	2120.6	2527.8	407.2	11.95	\$4,866.04
430-982-225	MITERED END SECT(CONC PIPE ROUND 18" CROSS DRAIN)	EA	8	8	2	-6	595.00	-\$3,570.00
440-1-20	UNDERDRAINS (TYPE II)	LF	400	400	725	325	23.50	\$7,637.50
440-1-30	UNDERDRAINS (TYPE III)	LF	1586	1586	2239	653	17.00	\$11,101.00
440-77-2	UNDERDRAIN (TYPE VA)(UPPER LIMIT)	LF	204	204	202	-2	61.20	-\$122.40
515-1-2	PIPE HANDRAIL (ALUMINUM)	LF	244	244	252	8	24.10	\$192.80
520-1-7	CONCRETE CURB AND GUTTER (TUPE "E")	LF	27162	27162	27067	-95	6.05	-\$574.75
520-1-10	CONCRETE CURB AND GUTTER (TYPE "F")	LF	32166	32166	32380	214	6.13	\$1,311.82
520-2-1	CONCRETE CURB AND GUTTER (TYPE "A")	LF	215	215	230	15	13.00	\$195.00
520-3	CONCRETE VALLEY GUTTER	LF	179	179	282	103	20.00	\$2,060.00
520-5-11	CONCRETE TRAFFIC SEPARATOR (TYPE I) 4' WIDE	LF	542	542	496	-46	14.90	-\$685.40
520-5-12	CONCRETE TRAFFIC SEPARATOR (TYPE I) 6' WIDE	LF	190	190	0	-190	21.25	-\$4,037.50
522-1	CONCRETE SIDEWALK, 4" THICK	SY	15520	15520	15651.79	131.79	11.08	\$1,460.23
522-2	CONCRETE SIDEWALK, 6" THICK	SY	2731	2731	4086.45	1355.45	25.55	\$34,631.75
530-3-4	RIPRAP, RUBBLE (9" THICK)	TN	15.7	15.7	0	-15.7	55.00	-\$863.50
547-70-1	FABRIC FORMED CONCRETE RIRAP) (8" FILTER POINTS)	SY	302	302	68	-234	27.20	-\$6,364.80
570-2	SEED AND MULCH	SY	15548	15548	0	-15548	0.30	-\$4,664.40
570-3	GRASS SEED (PERMANENT TYPE)	LB	385	385	0	-385	1.10	-\$423.50
570-4	MULCH MATERIAL	TN	12.8	12.8	0	-12.8	1.10	-\$14.08
570-5	FERTILIZER	TN	4.8	4.8	0.8	-4	1.10	-\$4.40
570-9	WATER FOR GRASSING	MG	58.41	58.41	534.255	475.845	55.00	\$26,171.48
575-1-3	SODDING	SY	121701	121701	129501.99	7800.99	1.22	\$9,517.21
550-2	6' VINYL COATED GREEN FENCE	LF	0	892	884	-8	7.30	-\$58.40
SEMCO 26	BRICK ETCHING TRAFFIC SEPARATOR	LF	0	2330	3308	978	4.10	\$4,009.80
SEMCO 28	RECONSTRUCTION OF THOMAS STABLE RD	LS	0	1	1			\$8,894.42
SEMCO 29	DRIVEWAY ADJUSTMENT STATION 165+90	LS	0	1	1			\$1,923.46
SEMCO 30	ASPHALT PRICE INDEX ADJUSTMENT	LS	0	1	1			\$2,038.26

ROADWAY TOTAL \$199,827.86 ✓

SIGNING/PAVING

BID ITEM	DESCRIPTION	UNIT	PLAN QTY	REVISED QTY	FINAL QTY	QTY INC/DCR	UNIT PRICE	AMOUNT
700-40-1	SIGN SINGLE POST (< 12 SF)	AS	123	123	132	9	\$140.00	\$1,260.00
700-40-2	SINGLE SIGN POST (12-25 SF)	AS	15	15	72	57	\$410.00	\$23,370.00
706-1-12	R. P. M.'s, MONO-DIRECTIONAL COLORLESS	EA	845	845	774	-71	\$3.50	-\$248.50
706-1-12	R.P.M.'s, MONO-DIRECTIOAL AMBER	EA	280	280	0	-280	\$3.50	-\$980.00
706-1-12	R.P.M.'s BI-DIRECTIONAL AMBER/AMBER	EA	49	49	200	151	\$3.60	\$543.60
706-1-12	R.P.M.'s BI-DIRECTIONAL RED AND COLORLESS	EA	254	254	378	124	\$3.60	\$446.40
710-4-61	SOLID TRAFFIC STRIPE, THERMO 6" WHITE	LF	897	897	0	-897	\$0.25	-\$224.25
711-1	SKIP TRAFFIC STRIPE, THERMO 6" WHITE, YELLOW	GM	6.393	6.393	6.397	0.004	\$568.00	\$2.27
711-2	SKIP TRAFFIC STRIPE, 6' OF 6" WHITE-THERMOPLASTIC	LF	228	228	0	-228	\$0.42	-\$95.76
711-4	DIRECTIONAL ARROWS, THERMOPLASTIC	EA	95	95	92	-3	\$38.34	-\$115.02
711-5	GUIDE LINES THERMOPLASTIC (DOTTED)	LF	160	160	91	-69	\$0.66	-\$45.54
711-6-61	SOLID TRAFFIC STRIPE, 6" DOUBLE YELL THERMOPLASTIC	LF	623	623	1878	1255	\$0.74	\$928.70
711-6-81	SOLID TRAFFIC STRIPE, 8" WHITE THERMOPLASTIC	LF	769	769	712	-57	\$0.66	-\$37.62
711-6-121	SOLID TRAFFIC STRIPE, 12" WHITE THERMOPLASTIC	LF	7076	7076	5959	-1117	\$0.99	-\$1,105.83
711-6-181	SOLID TRAFIC STRIPE 18" YELLOW & WHITE THERMOPLAS	LF	2290	2290	1361	-929	\$1.48	-\$1,374.92
711-6-241	SOLID TRAFFIC STRIPE, 24" WHITE, THERMOPLASTIC	LF	679	679	702	23	\$2.00	\$46.00
711-8-61	SOLID TRAFFIC STRIPE, 6" WHITE THERMOPLASTIC	NM	7.217	7.217	7.56	0.343	\$1,684.00	\$577.61
711-8-61	SOLID TRAFFIC STRIPE, 6" YELLOW THERMOPLASTIC	NM	5.065	5.065	5.2	0.135	\$1,967.00	\$265.55

SIGNALIZATION

SIGNING TOTAL \$23,212.69 ✓

BID ITEM	DESCRIPTION	UNIT	PLAN QTY	REVISED QTY	FINAL QTY	QTY INC/DCR	UNIT PRICE	AMOUNT
620-1-1	GROUNDING ELECTRODE	LF	340	340	270	-70	\$4.16	-\$291.20
630-1-12	CONDUIT (UNDERGROUND)	LF	1682	1682	1875.5	193.5	\$4.27	\$826.25
630-1-13	CONDUIT (UNDERPAVEMENT)	LF	589	589	608	19	\$21.20	\$402.80
634-5-1	FIBERGLASS INSULATOR	LF	20	20	0	-20	\$17.00	-\$340.00
635-1-11	PULL AND JUNCTION BOXES	EA	24	24	28	4	\$242.11	\$968.44
639-2-1	ELECTRICAL SERVICE WIRE	LF	20	20	700	680	\$3.00	\$2,040.00
684-14	SYSTEM COMMUNCIATIONS (FIVE OPTIC)	LF	715	715	505	-210	\$4.05	-\$850.50

SIGNALIZATION TOTAL \$2,755.79 ✓

FDOT LIGHTING ITEMS

BID ITEM	DESCRIPTION	UNIT	PLAN QTY	REVISED QTY	FINAL QTY	QTY INC/DCR	UNIT PRICE	AMOUNT
620-1-1	GROUNDING ELECTRODE	LF	120	120	110	-10	\$5.04	-\$50.40
715-1-111	CONDUCTOR (*10) INSULATED (F&I)	LF	30	30	240	210	\$1.00	\$210.00
715-1-113	CONDUCTOR INSULATED (*6) (F&I)	LF	984	984	1076	92	\$0.71	\$65.32
715-1-114	CONDUCTOR (*4) INSULATED (F&I)	LF	5700	5700	5844	144	\$0.77	\$110.88
715-2-115	CONDUIT, UNDERGROUND (PVC SCHEDULE 40 -2") (F&I)	LF	564	564	685	121	\$4.05	\$490.05
715-2-435	CONDUIT (JACKED UNDERPAVEMENT 2" RGS)	LF	420	420	391	-29	\$18.08	-\$524.32

FDOT ITEMS TOTAL	\$301.53
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CHANGE ORDER TOTAL	\$226,097.87
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